What began as a haulage company for construction materials in 1961 has developed, over the years, into an innovation hub for cutting-edge technologies.

A company site covering more than 380,000 m², total staff of 2,000, and more than 90 different machine models - these are the striking key figures of WIRTGEN GmbH’s main production plant located in the Rhineland-Palatinate village of Windhagen. Here is where cold milling machines, hot and cold recyclers, soil stabilizers, slipform pavers and surface miners for the company’s two lines of business, Road and Mineral Technologies, are manufactured in accordance with state-of-the-art production methods.

For our customers to be able to work as efficiently as we do, we are continuously improving the WIRTGEN technologies. We can draw on an unrivaled wealth of expertise gained over many decades in particular in our core competencies: cutting technology, leveling technology, control technology and mixing procedures.

Our application specialists are in regular contact with customers around the globe to discuss the challenges and application requirements they are facing in the field. These then form the basis for developing solutions and products that ensure your success.
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- W 35 XRi 09
- W 50 R 09
- W 50 Ri 09
- W 50 H 09
- W 55 H 09
- W 60 R 09
- W 60 Ri 09
- W 100 R 10
- W 100 Ri 10
- W 120 R 10
- W 120 Ri 10
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- W 130 CFi 15
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- W 150 CFi 15
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- WR 250i 29

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- W 200 Fi 19
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Small milling machines are equipped with a wheeled chassis and a milling drum positioned at the rear. The granulated RAP which is broken up by the rotating milling drum is transferred to a slewing and height-adjustable discharge conveyor and immediately loaded onto waiting transport vehicles.

The compact rear loaders are highly maneuverable and their rear right wheel can be swiveled in when milling flush to the edges of obstacles.

A variety of different milling drums are available, enabling the small milling machines to cover a wide range of applications extending from partial pavement rehabilitations and tie-in milling to the rehabilitation of industrial floors.
## SMALL MILLING MACHINES

High versatility when milling small areas

<table>
<thead>
<tr>
<th>Model</th>
<th>Milling width</th>
<th>Milling depth</th>
<th>Engine power</th>
<th>Operating weight, CE*</th>
<th>Stage</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>W 35 Ri</strong></td>
<td>350 mm</td>
<td>0 - 110 mm</td>
<td>45 kW / 60 HP / 61 PS</td>
<td>4,650 kg</td>
<td>EU Stage 5</td>
</tr>
<tr>
<td><strong>W 35 XRi</strong></td>
<td>350 mm</td>
<td>0 - 110 mm</td>
<td>45 kW / 60 HP / 61 PS</td>
<td>4,650 kg</td>
<td>US EPA Tier 4f</td>
</tr>
<tr>
<td><strong>W 50 R</strong></td>
<td>500 mm</td>
<td>0 - 210 mm</td>
<td>100 kW / 134 HP / 136 PS</td>
<td>6,930 kg</td>
<td>EU Stage 3a / US EPA Tier 3</td>
</tr>
<tr>
<td><strong>W 50 Ri</strong></td>
<td>500 mm</td>
<td>0 - 210 mm</td>
<td>105 kW / 141 HP / 143 PS</td>
<td>6,930 kg</td>
<td>EU Stage 5 / US EPA Tier 4f</td>
</tr>
<tr>
<td><strong>W 50 H</strong></td>
<td>500 mm</td>
<td>0 - 180 mm</td>
<td>82 kW / 110 HP / 111 PS</td>
<td>5,805 kg</td>
<td>EU Stage 3a / US EPA Tier 3, CN Stage 3</td>
</tr>
<tr>
<td><strong>W 55 H</strong></td>
<td>500 mm</td>
<td>0 - 180 mm</td>
<td>82 kW / 110 HP / 111 PS</td>
<td>6,360 kg</td>
<td>EU Stage 3a / US EPA Tier 3, CN Stage 3</td>
</tr>
<tr>
<td><strong>W 60 R</strong></td>
<td>600 mm</td>
<td>0 - 210 mm</td>
<td>100 kW / 134 HP / 136 PS</td>
<td>7,450 kg</td>
<td>EU Stage 3a / US EPA Tier 3</td>
</tr>
<tr>
<td><strong>W 60 Ri</strong></td>
<td>600 mm</td>
<td>0 - 210 mm</td>
<td>105 kW / 141 HP / 143 PS</td>
<td>7,450 kg</td>
<td>EU Stage 5 / US EPA Tier 4f</td>
</tr>
</tbody>
</table>

* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment
<table>
<thead>
<tr>
<th>Model</th>
<th>Milling width</th>
<th>Milling depth</th>
<th>Engine power</th>
<th>Operating weight, CE*</th>
<th>Stage</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>W 100 R</strong></td>
<td>1,000 mm</td>
<td>0 - 300 mm</td>
<td>155 kW / 208 HP / 211 PS</td>
<td>14,700 kg</td>
<td>EU Stage 3a / US EPA Tier 3</td>
</tr>
<tr>
<td><strong>W 100 Ri</strong></td>
<td>1,000 mm</td>
<td>0 - 300 mm</td>
<td>160 kW / 215 HP / 218 PS</td>
<td>14,850 kg</td>
<td>EU Stage 5 / US EPA Tier 4f</td>
</tr>
<tr>
<td><strong>W 120 R</strong></td>
<td>1,200 mm</td>
<td>0 - 300 mm</td>
<td>155 kW / 208 HP / 211 PS</td>
<td>15,350 kg</td>
<td>EU Stage 3a / US EPA Tier 3</td>
</tr>
<tr>
<td><strong>W 120 Ri</strong></td>
<td>1,200 mm</td>
<td>0 - 300 mm</td>
<td>160 kW / 215 HP / 218 PS</td>
<td>15,500 kg</td>
<td>EU Stage 5 / US EPA Tier 4f</td>
</tr>
</tbody>
</table>
### W 100 H
- **Milling width:** 1,000 mm
- **Milling depth:** 0 - 200 mm
- **Engine power:** 155 kW / 208 HP / 211 PS
- **Operating weight, CE*:** 12,900 kg
- **EU Stage 3a / US EPA Tier 3, CN Stage 3**

### W 130 H
- **Milling width:** 1,300 mm
- **Milling depth:** 0 - 200 mm
- **Engine power:** 155 kW / 208 HP / 211 PS
- **Operating weight, CE*:** 13,400 kg
- **EU Stage 3a / US EPA Tier 3, CN Stage 3**

* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment.
The highly flexible compact milling machines combine the advantages of the small and large milling machine classes. The maneuverable front-loaders are easy to transport and are ideal for use on confined job sites.

These powerful machines can mill off entire asphalt pavements cost-effectively. A wide range of different milling drums is available, greatly extending the possible range of applications so that the milling of individual layers and fine milling operations are also among the everyday tasks of these machines.
## Compact Milling Machines

<table>
<thead>
<tr>
<th>Model</th>
<th>Milling width</th>
<th>Milling depth</th>
<th>Engine power</th>
<th>Operating weight, CE*</th>
<th>Stage</th>
</tr>
</thead>
<tbody>
<tr>
<td>W 100 CF</td>
<td>1,000 mm</td>
<td>0 – 330 mm</td>
<td>261 kW / 350 HP / 355 PS</td>
<td>18,850 kg</td>
<td>EU Stage 3a / US EPA Tier 3</td>
</tr>
<tr>
<td>W 100 CFi</td>
<td>1,000 mm</td>
<td>0 – 330 mm</td>
<td>257 kW / 345 HP / 350 PS</td>
<td>19,000 kg</td>
<td>EU Stage 5</td>
</tr>
<tr>
<td>W 100 XFi</td>
<td>1,000 mm</td>
<td>0 – 330 mm</td>
<td>257 kW / 345 HP / 350 PS</td>
<td>20,900 kg</td>
<td>US EPA Tier 4f</td>
</tr>
<tr>
<td>W 120 CF</td>
<td>1,200 mm</td>
<td>0 – 330 mm</td>
<td>261 kW / 350 HP / 355 PS</td>
<td>19,850 kg</td>
<td>EU Stage 3a / US EPA Tier 3</td>
</tr>
<tr>
<td>W 120 CFi</td>
<td>1,200 mm</td>
<td>0 – 330 mm</td>
<td>257 kW / 345 HP / 350 PS</td>
<td>20,000 kg</td>
<td>EU Stage 5</td>
</tr>
<tr>
<td>W 120 XTi</td>
<td>1,200 mm</td>
<td>0 – 330 mm</td>
<td>257 kW / 345 HP / 350 PS</td>
<td>21,900 kg</td>
<td>US EPA Tier 4f</td>
</tr>
<tr>
<td>Model</td>
<td>Milling width</td>
<td>Milling depth</td>
<td>Engine power</td>
<td>Operating weight, CE*</td>
<td>Certification</td>
</tr>
<tr>
<td>-------------</td>
<td>---------------</td>
<td>---------------</td>
<td>--------------------------------------</td>
<td>-----------------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>W 120 XFi</td>
<td>1,200 mm</td>
<td>0 – 330 mm</td>
<td>257 kW / 345 HP / 350 PS</td>
<td>21,900 kg</td>
<td>US EPA Tier 4f</td>
</tr>
<tr>
<td>W 130 CF</td>
<td>1,300 mm</td>
<td>0 – 330 mm</td>
<td>261 kW / 350 HP / 355 PS</td>
<td>20,250 kg</td>
<td>EU Stage 3a / US EPA Tier 3</td>
</tr>
<tr>
<td>W 130 CFi</td>
<td>1,300 mm</td>
<td>0 – 330 mm</td>
<td>257 kW / 345 HP / 350 PS</td>
<td>20,400 kg</td>
<td>EU Stage 5</td>
</tr>
<tr>
<td>W 150 CFi</td>
<td>1,500 mm</td>
<td>0 – 330 mm</td>
<td>276 kW / 370 HP / 375 PS</td>
<td>20,550 kg</td>
<td>EU Stage 3a / US EPA Tier 3</td>
</tr>
<tr>
<td>W 150 XFi</td>
<td>1,500 mm</td>
<td>0 – 330 mm</td>
<td>298 kW / 400 HP / 405 PS</td>
<td>20,850 kg</td>
<td>EU Stage 5</td>
</tr>
</tbody>
</table>

* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment.
Large milling machines have a milling drum positioned centrally beneath the machine and a two-part front-loading system. Trucks can be loaded quickly and flexibly via the slewing and height-adjustable discharge conveyor.

A variety of different milling drums and milling drum assemblies are available to cater to the wide array of milling tasks. They can be exchanged quickly and easily to suit the application.

The range of applications extends from wide-scale complete removal down to a depth of 35 cm in a single pass to the rehabilitation of concrete pavements and airport runways as well as fine milling to improve pavement skid resistance.
**LARGE MILLING MACHINES**

Cost-effective pavement removal thanks to high milling performance

<table>
<thead>
<tr>
<th>Model</th>
<th>Milling width: 2,000 mm</th>
<th>Milling depth: 0 - 330 mm</th>
<th>Engine power: 410 kW / 550 HP / 557 PS</th>
<th>Operating weight, CE*: 29,160 kg</th>
<th>EU Stage 3a / US EPA Tier 3, CN Stage 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>W 195</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Milling width: 2,000 mm</th>
<th>Milling depth: 0 - 330 mm</th>
<th>Engine power: 410 kW / 550 HP / 557 PS</th>
<th>Operating weight, CE*: 27,750 kg</th>
<th>EU Stage 3a / US EPA Tier 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>W 200 F</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Milling width: 2,000 mm</th>
<th>Milling depth: 0 - 330 mm</th>
<th>Engine power: 455 kW / 610 HP / 619 PS</th>
<th>Operating weight, CE*: 28,200 kg</th>
<th>EU Stage 5 / US EPA Tier 4f</th>
</tr>
</thead>
<tbody>
<tr>
<td>W 200 Fi</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Milling width: 2,000 mm</th>
<th>Milling depth: 0 - 330 mm</th>
<th>Engine power: 455 kW / 610 HP / 619 PS</th>
<th>Operating weight, CE*: 29,800 kg</th>
<th>EU Stage 4 / US EPA Tier 4f</th>
</tr>
</thead>
<tbody>
<tr>
<td>W 200 Hi</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Milling width: 2,000 mm</th>
<th>Milling depth: 0 - 330 mm</th>
<th>Engine power: 455 kW / 610 HP / 619 PS</th>
<th>Operating weight, CE*: 30,100 kg</th>
<th>EU Stage 3a / US EPA Tier 3, CN Stage 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>W 205</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Milling width: 2,000 mm</th>
<th>Milling depth: 0 - 330 mm</th>
<th>Engine power: 470 kW / 630 HP / 639 PS</th>
<th>Operating weight, CE*: 28,700 kg</th>
<th>EU Stage 5 / US EPA Tier 4f</th>
</tr>
</thead>
<tbody>
<tr>
<td>W 207 Fi</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment
LARGE MILLING MACHINES
**LARGE MILLING MACHINES**

Cost-effective pavement removal thanks to high milling performance

<table>
<thead>
<tr>
<th>Model</th>
<th>Milling width: 2,000 mm</th>
<th>Milling depth: 0 - 330 mm</th>
<th>Engine power:</th>
<th>Operating weight, CE*:</th>
<th>EU Stage / US EPA Tier</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>W 210 Fi</strong></td>
<td></td>
<td></td>
<td>563 kW / 755 HP / 766 PS</td>
<td>29,300 kg</td>
<td>5 / 4f</td>
</tr>
<tr>
<td><strong>W 210 XP</strong></td>
<td></td>
<td></td>
<td>571 kW / 766 HP / 777 PS</td>
<td>28,800 kg</td>
<td>5 / 2</td>
</tr>
<tr>
<td><strong>W 215</strong></td>
<td></td>
<td></td>
<td>470 kW / 630 HP / 639 PS</td>
<td>30,290 kg</td>
<td>3a / 3 / 3 / 3</td>
</tr>
<tr>
<td><strong>W 220 Fi</strong></td>
<td></td>
<td></td>
<td>597 kW / 801 HP / 812 PS</td>
<td>37,100 kg</td>
<td>5 / 4f</td>
</tr>
<tr>
<td><strong>W 250 Fi</strong></td>
<td></td>
<td></td>
<td>753 kW / 1,010 HP / 1,024 PS</td>
<td>42,300 kg</td>
<td>5 / 4f</td>
</tr>
</tbody>
</table>

* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment
The tractor-towed stabilizer can be attached to a tractor in a few swift moves. The adjustable rotor plate ensures the homogeneous mixing quality of binding agent and soil.

Side plates which move on skids, the mechanical belt drive on each side and the effective milling and mixing rotor contribute to the high performance. In the soil improvement process, the tractor-towed stabilizer produces soils suitable for placing and compacting, while in the soil stabilization process, it creates load-bearing surfaces.
## TRACTOR-TOWED STABILIZERS

Soil stabilization on small and medium-sized sites

<table>
<thead>
<tr>
<th>Model</th>
<th>Working width</th>
<th>Working depth</th>
<th>Own weight</th>
<th>Engine power of tractor</th>
</tr>
</thead>
<tbody>
<tr>
<td>WS 220</td>
<td>2,150 mm</td>
<td>0 - 500 mm</td>
<td>4,495 - 4,745 kg</td>
<td>&gt; 180 kW / 245 PS</td>
</tr>
<tr>
<td>WS 250</td>
<td>2,500 mm</td>
<td>0 - 500 mm</td>
<td>4,800 - 5,050 kg</td>
<td>&gt; 220 kW / 300 PS</td>
</tr>
</tbody>
</table>
WIRTGEN COLD RECYCLERS AND SOIL STABILIZERS

The recyclers have a variable mixing chamber and microprocessor-controlled injection systems for the addition of bitumen emulsion, water and foamed bitumen. In the soil stabilization process, the all-wheel drive, all-terrain machines mix binding agents into existing soils, producing load-bearing soils with ideal properties for further roadworks.

In the cold recycling process, the existing pavement is milled off and the milled material is then homogeneously mixed with the added binding agents. The new mix of materials then serves as a basis for base courses.
<table>
<thead>
<tr>
<th>Model</th>
<th>Working width</th>
<th>Working depth</th>
<th>Engine power</th>
<th>Operating weight, CE*</th>
<th>Stage</th>
<th>EPA Tier</th>
</tr>
</thead>
<tbody>
<tr>
<td>WR 200</td>
<td>2,000 mm</td>
<td>0 - 500 mm</td>
<td>315 kW / 422 HP / 428 PS</td>
<td>24,200 kg</td>
<td>EU Stage 3a</td>
<td>US EPA Tier 3</td>
</tr>
<tr>
<td>WR 200i</td>
<td>2,000 mm</td>
<td>0 - 500 mm</td>
<td>320 kW / 429 HP / 435 PS</td>
<td>24,500 kg</td>
<td>EU Stage 5</td>
<td>US EPA Tier 4f</td>
</tr>
<tr>
<td>WR 200 XLi</td>
<td>2,400 mm</td>
<td>0 - 500 mm</td>
<td>320 kW / 429 HP / 435 PS</td>
<td>25,900 kg</td>
<td>EU Stage 4</td>
<td>US EPA Tier 4f</td>
</tr>
<tr>
<td>WR 240</td>
<td>2,400 mm</td>
<td>0 - 510 mm</td>
<td>455 kW / 610 HP / 619 PS</td>
<td>30,000 kg</td>
<td>EU Stage 3a</td>
<td>US EPA Tier 3</td>
</tr>
<tr>
<td>WR 240i</td>
<td>2,400 mm</td>
<td>0 - 510 mm</td>
<td>455 kW / 610 HP / 619 PS</td>
<td>30,600 kg</td>
<td>EU Stage 5</td>
<td>US EPA Tier 4f</td>
</tr>
<tr>
<td>WR 250</td>
<td>2,400 mm</td>
<td>0 - 560 mm</td>
<td>571 kW / 766 HP / 777 PS</td>
<td>31,700 kg</td>
<td>No EU regulation</td>
<td>US EPA Tier 2</td>
</tr>
<tr>
<td>WR 250i</td>
<td>2,400 mm</td>
<td>0 - 560 mm</td>
<td>563 kW / 755 HP / 766 PS</td>
<td>32,000 kg</td>
<td>EU Stage 5</td>
<td>US EPA Tier 4f</td>
</tr>
</tbody>
</table>

* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment.
Cold recyclers in the CR series are used for the cost-effective recycling of pavements. Binding agents and water are added in precisely metered quantities by means of microprocessor-controlled injection systems.

Cold recyclers with a paving screed use the down-cut process and immediately repave the recycled construction material.

In large projects requiring high daily performances, the recycler transfers the recycled construction material via its integrated discharge conveyor to the material hopper of the downstream paver, which immediately repaves it, achieving a high degree of precompaction. The recyclers in the CR series additionally can be used as high-performance milling machines.
COLD RECYCLERS

Recycling asphalt layers in a single pass

W 240 CR

Working width: 2,350 mm
Working depth*: 0 - 350 mm
Engine power: 708 kW / 950 HP / 963 PS
Operating weight, CE**: 48,500 kg
No EU regulation / US EPA Tier 2

W 240 CRI

Working width: 2,350 mm
Working depth*: 0 - 350 mm
Engine power: 775 kW / 1,038 HP / 1,054 PS
Operating weight, CE**: 48,500 kg
EU Stage 5 / US EPA Tier 4f

*Working depth
**Operating weight, CE
The maximum working depth may deviate from the value indicated due to tolerances and wear.

Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment.

**W 380 CR**

- **Working width:** 3,800 mm
- **Working depth**: 0 – 350 mm
- **Engine power:** 708 kW / 950 HP / 963 PS
- **Operating weight, CE**: 53,000 kg
- No EU regulation / US EPA Tier 2

**W 380 CRi**

- **Working width:** 3,800 mm
- **Working depth**: 0 – 350 mm
- **Engine power:** 775 kW / 1,038 HP / 1,054 PS
- **Operating weight, CE**: 53,000 kg
- EU Stage 5 / US EPA Tier 4f

* The maximum working depth may deviate from the value indicated due to tolerances and wear.

** Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment.
The mobile cold recycling mixing plant is simple to transport and quick to set up in the direct vicinity of the operation site. The robust twin-shaft compulsory mixer achieves high mixing performance levels. Microprocessor-controlled injection systems for the addition of a wide range of binding agents ensure that the materials are mixed precisely to formula.

The slewing discharge conveyor with its wide range of motion enables the processed cold mix to be stockpiled or continually loaded onto transport vehicles.
MOBILE COLD RECYCLING MIXING PLANT

Producing mix right at the job site

KMA 220
Mixing performance: max. 220 t/h
Mixer: Twin-shaft continuous compulsory mixer
Engine power: 129.4 kW / 174 HP / 175 PS
Operating weight, CE: 29,800 kg
EU Stage 3a / US EPA Tier 3

KMA 220i
Mixing performance: max. 220 t/h
Mixer: Twin-shaft continuous compulsory mixer
Engine power: 129 kW / 174 HP / 175 PS
Operating weight, CE: 29,950 kg
EU Stage 4 / US EPA Tier 4f
<table>
<thead>
<tr>
<th><strong>LABORATORY FOAMED BITUMEN PLANT WLB 10 S</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimensions (L x W x H):</strong> 1,450 x 685 x 1,345 mm</td>
<td></td>
</tr>
<tr>
<td><strong>Bitumen pump:</strong> electrically heated gear pump</td>
<td></td>
</tr>
<tr>
<td><strong>Electrical system:</strong> suitable for different mains power systems</td>
<td></td>
</tr>
<tr>
<td><strong>Bitumen temperature:</strong> 140 – 200 °C</td>
<td></td>
</tr>
<tr>
<td><strong>Water content:</strong> 0 – 5 % v. Bitumen</td>
<td></td>
</tr>
<tr>
<td><strong>Air pressure:</strong> 0 – 10 bar</td>
<td></td>
</tr>
<tr>
<td><strong>Own weight:</strong> 270 kg</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>LABORATORY MIXER WLM 30</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimensions (L x W x H):</strong> 1,085 x 770 x 960 mm</td>
<td></td>
</tr>
<tr>
<td><strong>Mixing capacity:</strong> 30 kg</td>
<td></td>
</tr>
<tr>
<td><strong>Mixer type:</strong> twin-shaft compulsory mixer</td>
<td></td>
</tr>
<tr>
<td><strong>Mixer speed:</strong> 0 – 144 U/min</td>
<td></td>
</tr>
<tr>
<td><strong>Drive:</strong> electric motor</td>
<td></td>
</tr>
<tr>
<td><strong>Electrical system:</strong> suitable for different mains power systems</td>
<td></td>
</tr>
<tr>
<td><strong>Own weight:</strong> 220 kg</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>LABORATORY COMPACTOR WLV 1</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimensions (L x W x H):</strong> 720 x 600 x 1,950 mm</td>
<td></td>
</tr>
<tr>
<td><strong>Impact energy:</strong> max. 23 J</td>
<td></td>
</tr>
<tr>
<td><strong>Cylindrical mold, small (Ø x H):</strong> 152 x 150 mm</td>
<td></td>
</tr>
<tr>
<td><strong>Cylindrical mold, large (Ø x H):</strong> 152 x 320 mm</td>
<td></td>
</tr>
<tr>
<td><strong>Electrical system:</strong> 1.8 kW (suitable for different mains power systems)</td>
<td></td>
</tr>
<tr>
<td><strong>Own weight:</strong> 170 kg</td>
<td></td>
</tr>
</tbody>
</table>
The mixer and panel heating machine rehabilitate bitumen-bound surface courses up to a depth of 5 cm. The panel heating machine replastifies the asphalt pavement, enabling it to be processed. The downstream mixer scarifies the pavement and processes it in a twin-shaft compulsory mixer. Virgin mix and binder agent can be added to the process.

The integrated paving screed then repaves the recycled material true to cross-section, line and level, achieving a high degree of precompaction.
REMIXER 4500

Working width: 3,000 - 4,500 mm
Working depth: 0 - 60 mm
Heating capacity: max. 1,445 kW
Engine power: 240 kW / 322 HP / 326 PS
Operating weight, CE*: 47,900 kg
EU Stage 3a / US EPA Tier 3

REMIXER
Processing of bituminous surface courses with the hot recycling process
PANEL HEATING MACHINE

Efficient heating of asphalt surfaces

HM 4500

**Working width:** max. 4,500 mm

**Heating performance:** max. 2,260 kW

**Gas tank capacity:** 6,000 l

**Engine power:** 75 kW / 100 HP / 102 PS

**Operating weight, CE*:** 19,700 kg

EU Stage 3a / US EPA Tier 3

* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment
With offset slipform pavers, the concrete is transported into the offset mold via a loading conveyor or a conveyor auger. The offset mold can be mounted on the left or right-hand side of the machine. A number of molds in a wide range of different shapes and sizes are available for individual applications. The offset profiles are continually produced monolithically, with or without reinforcements.

Machine features include a top-quality machine control system, a practical steering and drive system and stringline-free concrete paving.
<table>
<thead>
<tr>
<th>Model</th>
<th>Model with Indicator</th>
<th>Paving width**</th>
<th>Paving height**</th>
<th>Engine power</th>
<th>Operating weight, CE*</th>
<th>EU Stage / US EPA Tier</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP 15</td>
<td></td>
<td>max. 1,800 mm</td>
<td>max. 1,300 mm</td>
<td>92 kW / 123 HP / 125 PS</td>
<td>10,350 kg</td>
<td>3a / 3</td>
</tr>
<tr>
<td>SP 15i</td>
<td></td>
<td>max. 1,800 mm</td>
<td>max. 1,300 mm</td>
<td>95 kW / 127 HP / 129 PS</td>
<td>10,350 kg</td>
<td>5 / 4f</td>
</tr>
<tr>
<td>SP 25</td>
<td></td>
<td>max. 2,500 mm</td>
<td>max. 2,000 mm</td>
<td>118 kW / 158 HP / 160 PS</td>
<td>13,600 – 16,100 kg</td>
<td>3a / 3</td>
</tr>
<tr>
<td>SP 25i</td>
<td></td>
<td>max. 2,500 mm</td>
<td>max. 2,000 mm</td>
<td>115 kW / 154 HP / 156 PS</td>
<td>13,600 – 16,100 kg</td>
<td>5 / 4f</td>
</tr>
<tr>
<td>SP 61</td>
<td></td>
<td>max. 4,000 mm</td>
<td>max. 3,000 mm</td>
<td>155 kW / 208 HP / 211 PS</td>
<td>15,500 – 45,000 kg</td>
<td>3a / 3</td>
</tr>
<tr>
<td>SP 61i</td>
<td></td>
<td>max. 4,000 mm</td>
<td>max. 3,000 mm</td>
<td>180 kW / 241 HP / 245 PS</td>
<td>15,500 – 45,000 kg</td>
<td>5 / 4f</td>
</tr>
</tbody>
</table>

* Weights depend on the paver’s range of equipment and paving width
** Please consult factory for different offset geometries or special applications
*** Paving width up to 2,200 mm available on request
With inset slipform pavers, the concrete is placed directly in front of the machine and distributed by a spreading auger or spreading plough.

Vibrators compact the concrete homogeneously and the mold forms it in the specified width and thickness as the slipform paver advances. Integrated dowel bar and tie bar inserters position dowel bars and tie bars as specified.

The finishing beam levels the area transverse to the pavement and the super smoother creates a perfect surface. When paving dual-layer concrete, the bottom-layer and top-layer concrete are processed simultaneously and paved wet-in-wet.
### INSET SLIPFORM PAVERS

Single- and dual-layer paving of large concrete slabs

<table>
<thead>
<tr>
<th>Model</th>
<th>Paving width</th>
<th>Paving thickness</th>
<th>Engine power</th>
<th>Operating weight, CE</th>
<th>EU Stage</th>
<th>US EPA Tier</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SP 25</strong></td>
<td>max. 3,500 mm</td>
<td>max. 400 mm</td>
<td>118 kW / 158 HP / 160 PS</td>
<td>13,600 – 16,100 kg</td>
<td>Stage 3a / Tier 3</td>
<td></td>
</tr>
<tr>
<td><strong>SP 25i</strong></td>
<td>max. 3,500 mm</td>
<td>max. 400 mm</td>
<td>115 kW / 154 HP / 156 PS</td>
<td>13,600 – 16,100 kg</td>
<td>Stage 3a / Tier 3</td>
<td></td>
</tr>
<tr>
<td><strong>SP 62</strong></td>
<td>3,500 – 7,500 mm</td>
<td>max. 450 mm</td>
<td>155 kW / 208 HP / 211 PS</td>
<td>24,000 – 34,000 kg</td>
<td>Stage 3a / Tier 3</td>
<td></td>
</tr>
<tr>
<td><strong>SP 62i</strong>*</td>
<td>3,500 – 7,500 mm</td>
<td>max. 450 mm</td>
<td>180 kW / 241 HP / 245 PS</td>
<td>24,000 – 34,000 kg</td>
<td>Stage 3a / Tier 3</td>
<td></td>
</tr>
<tr>
<td><strong>SP 64</strong></td>
<td>2,000 – 6,000 mm (without DBI up to 7,500 mm)</td>
<td>max. 450 mm</td>
<td>155 kW / 208 HP / 211 PS</td>
<td>17,000 – 45,000 kg</td>
<td>Stage 3a / Tier 3</td>
<td></td>
</tr>
<tr>
<td><strong>SP 64i</strong>*</td>
<td>2,000 – 6,000 mm (without DBI up to 7,500 mm)</td>
<td>max. 450 mm</td>
<td>180 kW / 241 HP / 245 PS</td>
<td>17,000 – 45,000 kg</td>
<td>Stage 3a / Tier 3</td>
<td></td>
</tr>
</tbody>
</table>

* Weights depend on the paver’s range of equipment and paving width
** Please consult factory for different offset geometries or special applications
*** Machine with different specifications also available for the North American market
INSET SLIPFORM PAVERS

**SP 94**
- Paving width**: 3,500 - 9,500 mm
- Paving thickness**: max. 450 mm
- Engine power: 224 kW / 300 HP / 305 PS
- Machine weight*: 24,000 - 65,000 kg
- EU Stage 3a / US EPA Tier 3

**SP 94i***
- Paving width**: 3,500 - 9,500 mm
- Paving thickness**: max. 450 mm
- Engine power: 231 kW / 310 HP / 314 PS
- Machine weight*: 24,000 - 65,000 kg
- EU Stage 4 / US EPA Tier 4f

**SP 124**
- Paving width**: 4,500 - 12,000 mm
- Paving thickness**: max. 450 mm
- Engine power: 272 kW / 365 HP / 370 PS
- Machine weight*: 56,000 - 102,000 kg
- EU Stage 3a / US EPA Tier 3

**SP 124i***
- Paving width**: 4,500 - 12,000 mm
- Paving thickness**: max. 450 mm
- Engine power: 321 kW / 430 HP / 436 PS
- Machine weight*: 56,000 - 102,000 kg
- EU Stage 5 / US EPA Tier 4f

**SP 124 L**
- Paving width**: 4,500 - 12,000 mm
- Paving thickness**: max. 450 mm
- Engine power: 272 kW / 365 HP / 370 PS
- Machine weight*: 50,000 - 96,000 kg
- EU Stage 3a / US EPA Tier 3

**SP 124 Li***
- Paving width**: 4,500 - 12,000 mm
- Paving thickness**: max. 450 mm
- Engine power: 321 kW / 430 HP / 436 PS
- Machine weight*: 50,000 - 96,000 kg
- EU Stage 5 / US EPA Tier 4f
SP 1600

**Paving width**: 5,000 - 16,000 mm

**Paving thickness**: max. 450 mm

**Engine power**: 313 kW / 420 HP / 426 PS

**Operating weight, CE**: 89,000 - 140,000 kg

EU Stage 3a / US EPA Tier 3

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SP 154i

**Paving width**: 5,000 - 16,000 mm

**Paving thickness**: max. 450 mm

**Engine power**: 321 kW / 430 HP / 436 PS

**Operating weight, CE**: 58,820 - 73,580 kg

EU Stage 5 / US EPA Tier 4f

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SP 164i

**Paving width**: 5,000 - 16,000 mm

**Paving thickness**: max. 450 mm

**Engine power**: 321 kW / 430 HP / 436 PS

**Operating weight, CE**: 89,000 - 140,000 kg

EU Stage 5 / US EPA Tier 4f

---

*Weights depend on the paver’s range of equipment and paving width

**Please consult factory for different offset geometries or special applications

***Machine with different specifications also available for the North American market
SIDE FEEDER

If a reinforcement is to be laid in advance of a concrete pavement, concrete can be fed from the side.

The side feeder travels over the top of the pre-placed reinforcement in front of the slipform paver, while being fed with concrete from the side. It lays the concrete evenly in front of the slipform paver and spreads it across the full working width.

TEXTURE CURING MACHINES

Texture curing machines give the concrete pavement the desired surface texture, applying a dispersion which prevents the surface and edges from drying too quickly.

The specified surface texture is achieved with a brush. Alternatively, a burlap or synthetic turf can be drawn across the concrete pavement in a longitudinal direction. Automatic crown adjustment and a film unwinder round off the features of the machine.
**SIDE FEEDER**

Fast side feeding of concrete

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**WPS 62**

- **Working width**: max. 4,500 – 7,500 mm
- **Working height**: max. 500 mm
- **Engine power**: 155 kW / 208 HP / 211 PS
- **Operating weight, CE**: 34,000 – 40,000 kg
- EU Stage 3a / US EPA Tier 3

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**WPS 62i**

- **Working width**: max. 4,500 – 7,500 mm
- **Working height**: max. 500 mm
- **Engine power**: 180 kW / 241 HP / 245 PS
- **Operating weight, CE**: 34,000 – 40,000 kg
- EU Stage 4 / US EPA Tier 4f
<table>
<thead>
<tr>
<th>Model</th>
<th>Working width</th>
<th>Working height</th>
<th>Engine power</th>
<th>Operating weight</th>
<th>Emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCM 95</td>
<td>max. 9,500 mm</td>
<td>max. 500 mm</td>
<td>41 kW / 55 HP / 56 PS</td>
<td>7,800 - 11,600 kg</td>
<td>EU Stage 3a / US EPA Tier 3</td>
</tr>
<tr>
<td>TCM 95i</td>
<td>max. 9,500 mm</td>
<td>max. 500 mm</td>
<td>55.4 kW / 74 HP / 75.3 PS</td>
<td>7,800 - 11,600 kg</td>
<td>EU Stage 4 / US EPA Tier 4f</td>
</tr>
<tr>
<td>TCM 180</td>
<td>max. 18,000 mm</td>
<td>max. 500 mm</td>
<td>41 kW / 55 HP / 56 PS</td>
<td>9,100 - 18,400 kg</td>
<td>EU Stage 3a / US EPA Tier 3</td>
</tr>
<tr>
<td>TCM 180i</td>
<td>max. 18,000 mm</td>
<td>max. 500 mm</td>
<td>55.4 kW / 74 HP / 75.3 PS</td>
<td>9,100 - 18,400 kg</td>
<td>EU Stage 4 / US EPA Tier 4f</td>
</tr>
</tbody>
</table>

* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment

**TEXTURE CURING MACHINES**

Optimum texture and protection for concrete pavements
Surface Miners can mine raw materials such as coal, gypsum, salt, phosphate, bauxite or lime in open-cast mines. They mine commodities selectively, ensuring a high quality and optimum exploitation of the deposit.

Surface Miners are also used to cut routes or lower tunnel floors. Centrally positioned underneath the machine, the cutting drum has a customized design to match all customer requirements. The extracted material can be deposited behind the machine in windrows, sidecast via an integrated discharge conveyor or loaded directly onto transport vehicles.
<table>
<thead>
<tr>
<th>Model</th>
<th>Cutting width</th>
<th>Cutting depth</th>
<th>Engine power</th>
<th>Operating weight, CE*</th>
<th>Regulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>220 SM</td>
<td>2,200 mm</td>
<td>0 - 300 mm</td>
<td>708 kW / 950 HP / 963 PS</td>
<td>53,150 kg</td>
<td>No EU regulation / US EPA Tier 2</td>
</tr>
<tr>
<td>220 SMi</td>
<td>2,200 mm</td>
<td>0 - 300 mm</td>
<td>708 kW / 950 HP / 963 PS</td>
<td>54,000 kg</td>
<td>EU Stage 5 / US EPA Tier 4f</td>
</tr>
<tr>
<td>220 SM 3.8</td>
<td>3,800 mm</td>
<td>0 - 350 mm</td>
<td>708 kW / 950 HP / 963 PS</td>
<td>58,050 kg</td>
<td>No EU regulation / US EPA Tier 2</td>
</tr>
<tr>
<td>220 SMi 3.8</td>
<td>3,800 mm</td>
<td>0 - 350 mm</td>
<td>708 kW / 950 HP / 963 PS</td>
<td>59,000 kg</td>
<td>EU Stage 5 / US EPA Tier 4f</td>
</tr>
<tr>
<td>2500 SM</td>
<td>2,500 mm</td>
<td>0 - 650 mm</td>
<td>783 kW / 1,050 HP / 1,065 PS</td>
<td>111,600 kg</td>
<td>US EPA Tier 2 (USA/Canada)</td>
</tr>
<tr>
<td>2500 SM Vario</td>
<td>2,500 mm</td>
<td>0 - 450 mm</td>
<td>783 kW / 1,050 HP / 1,065 PS</td>
<td>130,000 kg</td>
<td>US EPA Tier 1</td>
</tr>
</tbody>
</table>

* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment
## SURFACE MINERS

Mining raw materials and cutting routes without drilling and blasting

<table>
<thead>
<tr>
<th>4200 SM</th>
<th>4200 SMi</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cutting width:</strong> 4,200 mm</td>
<td><strong>Cutting width:</strong> 4,200 mm</td>
</tr>
<tr>
<td><strong>Cutting depth:</strong> 0 – 830 mm</td>
<td><strong>Cutting depth:</strong> 0 – 830 mm</td>
</tr>
<tr>
<td><strong>Engine power:</strong> 1,194 kW / 1,600 HP / 1,623 PS</td>
<td><strong>Engine power:</strong> 1,194 kW / 1,600 HP / 1,623 PS</td>
</tr>
<tr>
<td><strong>Operating weight, CE</strong>:* 204,300 kg</td>
<td><strong>Operating weight, CE</strong>:* 204,300 kg</td>
</tr>
<tr>
<td>No EU regulation / US EPA Tier 2</td>
<td>EU Stage 5 / US EPA Tier 4f</td>
</tr>
</tbody>
</table>

---

* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment